

Sheet 1 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919			
		APPLICANT(S): Lucia Irene Gonzalez-Villasenor					
		FILING DATE: February 22, 2002		ART UNIT:			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
BBM		5,523,215	06/04/1996	Cousens et. al.	435	691	
BBM		4,677,196	06/30/1987	Rausch et. al.	530	412	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
		EP 0 433 225 B1	Nov. 27 1990	EPO	C07K	14/495	Y
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
BBM	1	"Recombinant-DNA-derived bovine growth hormone from <i>Escherichia coli</i> ", Keith E. Langley et. al., <u>Eur. J. Biochem.</u> 163, pp 313-321, (1987)					
	2	"Plasminogen activator inhibitor-1 fused with erythropoietin (EPO) mimetic peptide (EMP) enhances the EPO activity of EMP", Le-tian Kuai et.al., <u>J. Peptide Res.</u> , 56, 2000, pp 59-62					
	3	"Biopharmaceutical formulation", J. Ching Lee, <u>Current Opinion in Biotechnology</u> , 2000, 11, pp 81-84					
	4	"Purification and Characterization of Human Interleukin-1 Expressed in <i>Escherichia Coli</i> ", Shirley R. Kronheim et.al., <u>Bio Technology</u> , Vol. 4, December 1986, pp 1078-1082					
	5	"Expression, renaturation and purification of recombinant human interleukin 4 from <i>Escherichia coli</i> ", Anita van Kimmenade et. al., <u>Eur. J. Biochem.</u> pp 109-114 (1988)					
	6	"Expression of a biologically active fragment of human IgE c chain in <i>Escherichia coli</i> ", Fu-Tong Liu et. al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 81, pp 5369-5373, September 1984					
	7	"Renaturation of <i>Escherichia coli</i> Tryptophanase after Exposure to 8 M Urea. Evidence for the Existence of Nucleation Centers", Jacqueline London et. al., <u>Eur. J. Biochem.</u> 47, 409-415 (1974)					
	8	"Inclusion Bodies from Proteins Produced at High Levels in <i>Escherichia coli</i> ", Joanna K. Krueger et. al., <u>Amer. Assoc. for the Adv. Science</u> , 1990, pp 136-142					
	9	"Refolding of Recombinant Proteins", Tadahiko Kohno et. al., <u>Methods in Enzymology</u> , Vol 185, pp 187-195, 1990					
	10	" <i>E. coli</i> expression and characterization of a mutant troponin I with the three cysteine residues substituted", Ian Kluwe et. al., <u>FEBS</u> , Vol 323, number 1,2, pp 83-88, May 1993					
Examiner: <u>BBM</u>				Date: <u>10-06-03</u>			



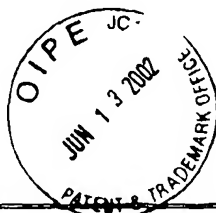
Sheet 2 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
				APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
				FILING DATE February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
RB	11	"Production of a biologically active novel goldfish growth hormone in <i>Escherichia coli</i> , Soheil S. Mahmoud et. al., <u>Comparative Biochemistry and Physiology</u> , Part B, Vol 120, 1998, pp 657-663					
	11A	"Intermediates in the Folding Reactions of Small Proteins", Peter S. Kim et. al., <u>Annu. Rev. Biochem.</u> , 1990, 59, 631-660					
	12	"Refolding and Association of Oligomeric Proteins", Rainer Jaenicke et. al., <u>Methods in Enzymology</u> , 1986, 131, pp 218-250					
	13	"Preparation of Biologically Active Platelet-Derived Growth Type BB from a Fusion Protein Expressed in <i>Escherichia coli</i> ", J. Hoppe et. al., <u>Biochemistry</u> , 1989, 28, 2956-2960					
	14	"Pathways of Protein Folding", C. Robert Matthews, <u>Annu. Rev. Biochem.</u> , 1993, 62, 653-683					
	15	"The Purification of eukaryotic polypeptides synthesized in <i>Escherichia coli</i> ", Fiona A. O. Marston, <u>Biochem. J.</u> (1986), 240, 1-12					
	16	"Purification of biologically active simian virus 40 small tumor antigen", Ilan Bikel et. al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 80, pp 906-910, February 1983					
	17	"Recombinant Chicken and Bovine Growth Hormones Accelerate Growth in Aquacultured Juvenile Pacific Salmon <i>Oncorhynchus Kisutch</i> ", Jacqueline, A. Gill et. al., <u>BioTechnology</u> , Vol 3, July 1985, pp 643-646					
	18	"Renaturation of Enzymes after Polyacrylamide Gel Electrophoresis in the Presence of Sodium Dodecyl Sulfate", Sanford A. Lacks et. al., <u>The Journal of Biological Chemistry</u> , Vol. 255, No. 15, August 10 1980, pp 7467-7473					
	19	"Cloning and expression of cDNA for salmon growth hormone in <i>Escherichia coli</i> ", Susumu Sekine et. al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 82, July 1985, pp 4306-4310					
	20	"Purification of Calf Prochymosin (Prorennin) Synthesized in <i>Escherichia Coli</i> , Fiona A.O. Marston et. al., <u>BioTechnology</u> , September 1984, pp 800-804					
Examiner: RB				Date: 10-06-03			



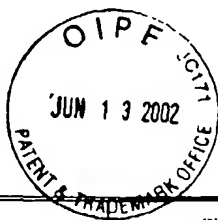
Sheet 3 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
21	RS	"Expression and equilibrium denaturation of cardiac troponin I: stabilization of a folding intermediate during denaturation by urea", Nihmat Morjana et al., <u>Biotechnol. Appl. Biochem.</u> (1998), 28, pp 7-17				
22		"The Cyanogen Bromide Reaction", Erhard Gross, <u>Cleavage of Peptide Chains</u> , pp 238-263				
23		"Gel Electrophoresis and Isoelectric Focusing of Proteins - Selected Techniques", R.C. Allen et. al., 1984				
24		"In vitro folding of inclusion body proteins", Rainer Rudolph et. al., <u>The FASEB Journal</u> , January 1996, Vol 10, pp 49-56				
25		"Purification and Immunogenicity of Fusion VPI Protein of Foot and Mouth Disease Virus", Steven J. Shire et. al., <u>Biochemistry</u> , 1984, 23, 6474-6480				
26		"Examination of calf prochymosin accumulation in <i>Escherichia coli</i> : disulphide linkages are a structural component of prochymosin-containing inclusion bodies", J.M. Schoemaker et. al., <u>The EMBO Journal</u> , 1985, Vol. 4, No. 3, pp 775-780				
27		"Recovery of soluble human renin from inclusion bodies produced in recombinant <i>Escherichia coli</i> ", Satish K. Sharma, <u>Journal of Biotechnology</u> , 4 (1986) 119-124				
28		"Isolation and purification of protein granules from <i>Escherichia coli</i> cells overproducing bovine growth hormone", Ronald G. Schoner et. al., <u>Bio Technology</u> , February 1985, pp 151-154				
29		"Size and density of protein inclusion bodies", G. Taylor et. al., <u>Bio/Technology</u> , Vol 4, June 1986, pp 553-557				
30		"Alteration of catalytic properties of chymosin by site-directed mutagenesis", Junko Suzuki et. al., <u>Protein Engineering</u> , Vol. 2, No. 7, pp 563-569, 1989				
31		"Site-directed mutagenesis reveals functional contribution of Thr218, Lys220 and Asp304 in chymosin", Junko Suzuki et. al., <u>Protein Engineering</u> , Vol. 4, No. 1, pp 69-71, 1990				
Examiner: RS				Date: 10-06-03		



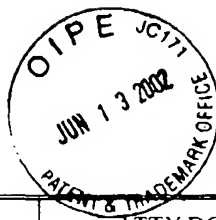
Sheet 4 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
				APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
				FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
RB		3. "Purification of recombinant salmon growth hormone expressed in <i>Escherichia coli</i> , Seiji Sugimoto, <i>Biotechnology Letters</i> , Vol. 13, No. 6, 389-394, (1991)					
35		"Protein engineering to optimize recombinant protein purification", Mathias Uhlen et. al., <i>Biochemical Society Transactions</i> , Vol 16, pp 111-115, 1988					
36		"Solubilization and activation of recombinant calf prochymosin from <i>Escherichia coli</i> ", FIONA A. O. MARSTON, et al., <i>613th Meeting, Cardiff</i> , Vol. 13, pg. 1035					
37		"Sequencing of a cDNA encoding the human fast-twitch skeletal muscle isoform of troponin I", Lei Zhu et. al. <i>Biochimica et Biophysica Acta</i> 1217 (1994) 338-340					
38		"Reconstitution of Lactic Dehydrogenase. Noncovalent Aggregation vs. Reactivation. 1. Physical Properties and Kinetics of Aggregation", Gerd Zettlmeissl et. al., <i>Physical Properties of LDH Aggregates</i> , Vol 18, No 25, 1979, 5567-5571					
39		"Increase of Solubility of Foreign Proteins in <i>Escherichia coli</i> by Coproduction of the Bacterial Thioredoxin", Takashi Yasukawa, <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 43, October 27, 1995, pp 25328-25331					
40		"Efficient and Rapid Affinity Purification of Proteins Using Recombinant Fusion Proteases", Philip A. Walker et. al., <i>Bio/Technology</i> , Vol. 12, June 1994, pp 601-605					
41		"Effects of Low Concentrations of Guanidine HCl on the Reconstitution of Lactic Dehydrogenase from Pig Muscle <i>in vitro</i> - Evidence for Guanidine Binding to the Native Enzyme", Gerd Zettlmeissl et. al., <i>Eur. J. Biochem.</i> , 100, pp 593-598 (1979)					
42		"High-level direct expression of semi-synthetic human interleukin-6 in <i>Escherichia coli</i> and production of n-terminus met-free product", Hisahi Yasueda et. al., <i>Bio-Technology</i> , Vol. 8, November 1990, pp 1036-1040					
Examiner: RB				Date: 10-06-03			



Sheet 5 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
1	<u>RE</u> "Troponin I is present in human cartilage and inhibits angiogenesis", Marsha A. Moses et. al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 96, pp 2645-2650, March 1999					
2	"Structure, evolution, and regulation of a fast skeletal muscle troponin I gene", Albert S. Baldwin et. al., <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 82, pp 8080-8084, December 1985					
3	"Utilization of Zeolite Y in the removal of anionic, cationic and nonionic detergents during purification of proteins", Zoltan Blum et. al., <u>Biotechnology Techniques</u> , Vol 5, No. 1, pp 49-54, (1991)					
4	"Principles that govern the folding of Protein Chains", Christian B. Anfinsen, <u>SCIENCE</u> , 20 July 1973, Volume 181, Number 4096, pp 223-230					
5	"Overexpression of human cardiac troponin-I and troponin-C in <i>Escherichia coli</i> and their purification and characterization - Two point mutations allow high-level expression of troponin-I", Eman AL-HILLAWI et. al., <u>Eur. J. Biochem.</u> , 225, pp 1195-1201, (1994)					
6	"Recombinant protein expression in <i>Escherichia coli</i> ", Francois Baneyx, <u>Current Opinion in Biotechnology</u> , 1999, Vol. 10, pp 411-421					
7	"Structure and morphology of protein inclusion bodies in <i>Escherichia coli</i> ", Gregory A. Bowden, <u>Bio/Technology</u> , Vol 9, August 1991, pp 725-730					
8	"Renaturation, purification and characterization of recombinant F _{ab} -fragments produced in <i>Escherichia coli</i> ", Johannes Buchner et. al., <u>Bio-Technology</u> , Vol. 9, February 1991, pp 157-162					
9	"Stabilization of Protein Structure by Sugars", Tsutomu Arakawa et. al., <u>Biochemistry</u> , 1982, Vol. 21, pp 6536-6544					
10	"Synthesis and cloning of a gene coding for a fusion protein containing mouse epidermal growth factor", G. Allen et.al., <u>Journal of Biotechnology</u> , Vol. 5, (1987) pp 93-114					
11	<u>4</u> "Denatured States of Proteins", Ken A. Dill, <u>Annu. Rev. Biochem.</u> , 1991, Vol. 60, pp 795-825					
Examiner: <u>RB</u>			Date: <u>10-06-03</u>			



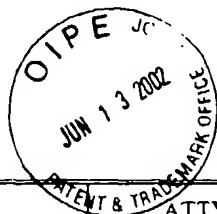
Sheet 6 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
RE	5.16.1-5.16.34	"Choice of Cellular Protein Expression System", David Gray et. al., <u>Current Protocols in Protein Science</u> , (2000), pp 5.16.1-5.16.34				
	8.5.1-8.5.10	"Chromatofocusing", Alan Williams, <u>Current Protocols in Protein Science</u> , (1997), pp 8.5.1-8.5.10				
	1.1.1-1.1.5	"Overview of Protein Purification and Characterization", R.K. Scopes, <u>Current Protocols in Protein Science</u> , (1995), pp 1.1.1-1.1.5				
	1.2.1-1.3.7	"Strategies for Protein Purification", R.K. Scopes, <u>Current Protocols in Protein Science</u> , (1995), pp 1.2.1-1.3.7				
	8.0.1-8.1.9	"Conventional Chromatographic Separations", Ben. M. Dunn, <u>Current Protocols in Protein Science</u> , (1997), pp 8.0.1-8.1.9				
	7133-7155	"Dominant Forces in Protein Folding", Ken A. Dill, <u>Biochemistry</u> , Vol. 29, Number 31, August 7, 1990, pp 7133-7155				
	2628-2634	"Native-like Secondary Structure in Interleukin-18 Inclusion Bodies by Attenuated Total Reflectance FTIR", Keith Oberg et. al., <u>Biochemistry</u> , 1994, Vol. 33, pp 2628-2634				
	691-697 (1991)	"Efficient renaturation and fibrinolytic properties of pro-urokinase and a deletion mutant expressed in <i>Escherichia coli</i> as inclusion bodies", Gaetano Orsini et. al., <u>Eur. J. Biochem</u> , Vol. 195, pp 691-697 (1991)				
	5.8.1-5.8.17	"Culture of Yeast for the Production of Heterologous Proteins", Michael A. Romanos et. al., <u>Current Protocols in Protein Science</u> , (1995), pp 5.8.1-5.8.17				
	308-317	"Solubility as a function of protein structure and solvent components", Catherine H. Schein, <u>Bio/Technology</u> , Vol. 8, April 1990, pp 308-317				
Examiner: <u>RE M</u>				Date: <u>10-06-03</u>		



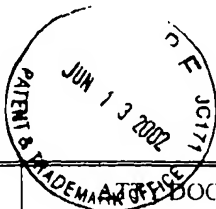
Sheet 7 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
RS	6*	"Synthesis of calf prochymosin (prorennin) in <i>Escherichia coli</i> ", J.S. Entage, <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 80, pp 3671-3675, June 1983				
	6*	"High-Level Expression in <i>Escherichia coli</i> of Biologically Active Bovine Growth Hormone", Henry J. George et. al., <u>DNA</u> , Volume 4, Number 4, 1985, pp 273-281				
	6*	"Purification of Recombinant Proteins", Paul T. Wingfield, <u>Current Protocols in Protein Science</u> , 1997, 6.0.1.-6.7.10				
	6*	"Reconstitution of Lactic Dehydrogenase. Noncovalent Aggregation vs. Reactivation. 2. Reactivation of Irreversibly Denatured Aggregates", Rainer Rudolph et. al., <u>Biochemistry</u> , Vol 18, No. 25, 1979, pp 5572-5575				
	6*	"Gene Expression in Recombinant <i>Escherichia coli</i> ", Joan Stader, 1995, pp 1-51				
	6*	"Gene Expression in Recombinant Bacillus", Matti Sarvas, <u>Gene Expression in Recombinant Microorganisms</u> , 1995, pp 55-120				
	6*	"Use of Stabilizing Additives", Ciaran O'Fagain, <u>Stabilizing Protein Function</u> , 1997, pp 69-79				
	6*	"Recombinant human insulin-like growth factor II expressed in <i>Escherichia coli</i> ", Thomas C. Furman et. al., <u>Bio. Technology</u> , Vol. 5, October 1987, pp 1047-1051				
	7*	"High-Level Expression and Purification of the Recombinant Diphtheria Fusion Toxin DTGM for PHASE I Clinical Trials", Arthur E. Frankel et. al., <u>Protein Expression and Purification</u> , 16, 190-201, (1999)				
Examiner: <u>RSN</u>				Date: <u>10-06-03</u>		



Sheet 8 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
RB	7	"Recovery of soluble, biologically active recombinant proteins from total bacterial lysates using ion exchange resin", Adolf Hoess et al., <u>BioTechnology</u> , Vol. 6, October 1998, pp 1214-1217				
	7	"Renaturation of Recombinant Proteins Produced as Inclusion Bodies", Bernhard E. Fischer, <u>Biotech. Adv.</u> , Vol. 12, pp 89-101, 1994				
	7	"Refolding and crystallographic studies of eukaryotic proteins produced in <i>Escherichia coli</i> ", Kiyoshi Nagai et al., <u>Biochemical Society Transactions</u> , 1988, Vol. 16, pp 108-110				
	7	"Protein folding intermediates and inclusion body formation", Anna Mitaki et al., <u>BioTechnology</u> , Vol. 7, July 1989, pp 690-697				
	7	"Overview of Protein Expression in <i>Saccharomyces cerevisiae</i> ", Robert L. Strausberg, <u>Production of Recombinant Proteins</u> , 1995, pp 5.6.1-5.6.7				
	7	"Production of recombinant proteins", Paul T. Wingfield, <u>Current Protocols in Protein Science</u> , Supplement 20, 2000, pp 5.0.1-5.16.25				
	7	"Fermentation and Growth of <i>Escherichia coli</i> for Optimal Protein Production", Alain Bernard et al., <u>Current Protocols in Protein Science</u> , 1995, pp 5.3.1-5.3.18				
	7	"Protein Folding and its Implications for the Production of Recombinant Proteins", Roman Hlodan et al., <u>Biotechnology and Genetic Engineering Reviews</u> , Vol. 9, December 1991, pp 47-88				
	7	"Reconstitution of Rabbit Skeletal Muscle Troponin from the Recombinant Subunits All Expressed in and Purified from <i>E. coli</i> ", Setsuko Fujita-Becker et al., <u>J. Biochem.</u> , 114, 438-444, (1993)				
	7	"A novel sequential procedure to enhance the renaturation of recombinant protein from <i>Escherichia coli</i> inclusion bodies", Bernhard Fischer et al., <u>Protein Engineering</u> , Vol. 5, No. 6, pp 593-596, 1992				
Examiner: RBM				Date: 10-06-03		



Sheet 9 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		DOCKET NO. 22918/1		SERIAL NO 10/080,919			
		APPLICANT(S): Lucia Irene Gonzalez-Villasenor					
		FILING DATE: February 22, 2002		ART UNIT:			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
RM		"Optimized procedures for purification and solubilization of basic fibroblast growth factor inclusion bodies", D. Estape et al., <u>Biotechnology Techniques</u> , Vol. 10, No. 7, July 1996, p 481-484					
		"The Use of Zeolite Y in the Purification of Intra Cellular Accumulated Proteins from Genetically Engineered Cells, Hakan Eriksson et al., <u>Biotechnology Techniques</u> , 1992, pp 239-244					
		"Convenient and Efficient <i>In Vitro</i> Folding of Disulfide-Containing Globular Protein from Crude Bacterial Inclusion Bodies", Junichiro Futami et al., <u>J. Biochem.</u> , Vol. 127, pp 435-444 (2000)					
		"Enzyme Applications", M.D. Trevan et al., <u>Biotechnology: The Biological Principles</u> , 1987, pp 203-210					
		"Comparing the Refolding and Reoxidation of Recombinant Porcine Growth Hormone from a Urea Denatured State and from <i>Escheria coli</i> Inclusion Bodies", Michael Cardamone et al., <u>Biochemistry</u> 1995, Vol. 34, pp 5773-5794					
		"The use of EDTA or Polymyxin with Lysozyme for the Recovery of Intracellular Products from <i>Escherichia coli</i> ", C.R. Dean et al., <u>Biotechnology Techniques</u> , Volume 6, No. 2 March/April 1992 pp 133-138					
		"Serodiagnosis of Antibodies to the Human AIDS Retrovirus with a Bacterially Synthesized <i>ENV</i> Polypeptide", Cirilo D. Cabradilla, <u>BioTechnology</u> , Vol. 4, February 1986, pp 128-133					
		"Aggregation and Denaturation of Apomyoglobin in Aqueous Urea Solutions", Linda R. De Young et al., <u>Biochemistry</u> , 1993, 32, 3877-3886					
		"Refolding of recombinant proteins", Eliana De Bernadez Clark, <u>Biochemical Engineering</u> , 1998, 9, 157-163					
		"Pharmacoeconomics", Joseph F. Heyse et al., <u>Encyclopedia of Biopharmaceutical Statistics</u> , 2000, pp 387-401					
		"Recombinant DNA Proteins and Drug Discovery", Christopher Hentschel, <u>Genetically Engineered Human Therapeutic Drugs</u> , 1988, pp 3-6					
		"Chapter 8. Bioproducts and Economics", Harvey W. Blanch et al., <u>Biochemical Engineering</u> , 1996, pp 609-671					
Examiner:		10-06-03			Date:		RM



Sheet 10 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 22918/1		SERIAL NO. 10/080,919	
			APPLICANT(S): Lucia Irene Gonzalez-Villasenor			
			FILING DATE: February 22, 2002		ART UNIT:	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
	52	"Solubilization of Protein Aggregates", Fiona A. O. Marston et. al., <u>Methods in Enzymology</u> , Vol. 182, pp 264-276, 1990				
	94	"Development of an Intravenous γ -Globulin with Fc Activities", Y Masuho et. al. <u>Vox Sang.</u> 32: p 175-181 (1977)				
	95	"Reversible protection of disulfide bonds followed by oxidative folding render recombinant hCGB highly immunogenic", Asok Mukhopadhyay, <u>Vaccine</u> , 18 (2000) 1802-1810				
	96	"Refolding of Therapeutic Proteins Produced in <i>Escherichia coli</i> as Inclusion Bodies", Satoru Misawa et. al., <u>Biopolymers</u> , 51, 297-307, (1999)				
	97	"Global Suppression of Protein Folding Defects and Inclusion Body Formation", Anna Mitraki et. al., <u>Science</u> , Vol. 253, pp 54-58				
	98	"Structural characterization of the human fast skeletal muscle troponin I gene (TNN12)", Antony J. Mullen et. al., <u>GENE</u> , 242, (2000) 313-320				
Examiner:		Date:				
KSM		10-06-03				